

IN THE CLAIMS

Claims 1-17 are presented below, with claims 1-17 pending. As shown below, claims 1 and 9 have been amended.

1. (Currently Amended) A reproducing apparatus for receiving contents data from a record medium or a transmission medium, the reproducing apparatus comprising:

index picture generating means for retrieving a picture frame from the contents data, and generating an index picture, wherein the picture frame size of the index picture is smaller than the picture frame size of the contents data;

selecting means for selecting an output type of the index picture for a display device;

picture processing means for processing the index picture data according to the output type selected by said selecting means; and

display means for displaying on the display device the index picture formed by said picture processing means;

~~wherein at least one index picture formed by said picture processing means is arranged in one direction on the display device~~

wherein received contents data can have different formats and index pictures generated from contents data having different respective formats can be displayed together in respective picture frames having the same picture frame size.

2. (Previously Presented) The reproducing apparatus as set forth in claim 1,
wherein said picture processing means converts the component format of the index picture data.
3. (Previously Presented) The reproducing apparatus as set forth in claim 1,
wherein said picture processing means has a mono-chrome data generating source and adds mono-chrome data generated by the mono-chrome data generating source to the picture frame of the index picture data in a frame shape.
4. (Previously Presented) The reproducing apparatus as set forth in claim 3,
wherein said picture processing means adds the mono-chrome data to the picture frame of the index picture data so that pictures of different picture frame sizes are converted into pictures of the same picture frame size.
5. (Previously Presented) The reproducing apparatus as set forth in claim 1,
wherein said picture processing means enlarges or reduces the picture frame size of the index picture data.
6. (Previously Presented) The reproducing apparatus as set forth in claim 5,
wherein said picture processing means enlarges or reduces the picture frame size of the index picture data so that pictures of different picture frame sizes are converted into pictures of the same picture frame size.

7. (Previously Presented) The reproducing apparatus as set forth in claim 1,
wherein the index picture data includes a first field and second field, and
wherein data of one of the first field and the second field is not displayed.
8. (Previously Presented) The reproducing apparatus as set forth in claim 1,
wherein said index picture generating means is used for a decoding process for obtaining
the index picture data.
9. (Currently Amended) A reproducing method for receiving contents data from a record
medium or a transmission medium, the reproducing method comprising the steps of:
retrieving a picture frame from the contents data;
generating an index picture, wherein the picture frame size of the index picture is smaller
than the picture frame size of the contents data;
selecting an output type of the index picture for a display device;
processing the index picture data according to the selected output type; and
displaying on the display device the index picture formed by processing the index picture
data;
~~wherein at least one index picture is arranged in one direction on the display device~~
wherein received contents data can have different formats and index pictures generated
from contents data having different respective formats can be displayed together in respective
picture frames having the same picture frame size.

10. (Previously Presented) The reproducing method as set forth in claim 9,
wherein processing the index picture data includes converting the component format of
the index picture data.

11. (Previously Presented) The reproducing method as set forth in claim 9,
wherein processing the index picture data includes adding mono-chrome data to the
picture frame of the index picture data in a frame shape.

12. (Previously Presented) The reproducing method as set forth in claim 11,
wherein processing the index picture data includes adding the mono-chrome data to the
picture frame of the index picture data so that pictures of different picture frame sizes are
converted into pictures of the same picture frame size.

13. (Previously Presented) The reproducing method as set forth in claim 9,
wherein processing the index picture data includes enlarging or reducing the picture
frame size of the index picture data.

14. (Previously Presented) The reproducing method as set forth in claim 13,
wherein processing the index picture data includes enlarging or reducing the picture
frame size of the index picture data so that pictures of different picture frame sizes are converted
into pictures of the same picture frame size.

15. (Previously Presented) The reproducing method as set forth in claim 9,
wherein the index picture data includes a first field and second field, and
wherein data of one of the first field and the second field is not displayed.
16. (Previously Presented) The reproducing apparatus as set forth in claim 1,
wherein the output type is selected from NTSC or PAL.
17. (Previously Presented) The reproducing method as set forth in claim 9,
wherein the output type is selected from NTSC or PAL.